

NATIONAL SCHOLARS PROGRAM



2007-2008 Annual Report

CLEMSON
UNIVERSITY

SETTING *the* STANDARD

Our Mission Statement

In collaboration with other University offices and programs, the mission of Clemson's National Scholars Program is as follows:

- Recruit and select the top high school students from throughout the United States.
- Provide a competitive scholarship that covers all tuition, fees and other required expenses.
- Coordinate a rewarding summer of study and travel in Great Britain.
- Create and program intellectually challenging and rewarding enrichment opportunities.
- Provide individual and group advising to address and enhance the National Scholars' interests and skills.
- Prepare the National Scholars to excel in graduate school and on fellowship applications.

Our Supporters

The National Scholars Program is thankful to the Clemson University Office of Development for its support and deeply grateful for the considerable generosity of several Clemson alumni, including

- The estate of Mr. and Mrs. William M. Ballenger, Class of 1923
- Mr. and Mrs. Frank M. Bishop Jr., Class of 1965
- Dr. and Mrs. Paul W. McAlister, Class of 1941*
- Dr. and Mrs. Richard A. McMahan, Class of 1954
- Dr. and Mrs. R. Roy Pearce, Class of 1941**

*Dr. McAlister passed away in January 2008.

**Dr. Pearce passed away in November 2004.

In classrooms, on campus and around the world, the Clemson National Scholars embrace intellectual engagement, learning experiences of every kind, leadership and public service, and a commitment to excellence.

The National Scholars Program (NSP) challenges and supports these students through a series of specially designed opportunities throughout the year. These include program-wide book, film and news discussions; small group seminars and courses; educational travel; and personalized advising and mentoring.

In the past year, the program has offered, season by season, a wealth of rewarding opportunities for scholars to learn, grow and become the men and women they will eventually be.



After commencement, the 2007 National Scholars graduating seniors moved on to the next stages of their lives. All are now pursuing challenging work — in the Peace Corps, for example, or at General Electric — or they are continuing their formal education at leading medical and graduate schools.

Two small groups of scholars explored Europe as part of the program's annual Maymester educational enrichment expeditions.

- Seven scholars traveled to the Netherlands, Sweden and Russia, exploring the history of modernization in northern Europe. Led by history professor Dr. Steven Marks, the group met with historians, archaeologists and conservationists at the Nieuw Land Heritage Centre in Lelystad, the Vasa Museum in Stockholm and the Hermitage in St. Petersburg.
- The second group visited Iceland, focusing on global warming and alternative energy issues. After working with biological sciences professor Dr. Jerry Waldvogel, these scholars traveled from Reykjavik to Hofn to meet with ministers of parliament, prize-winning engineers and policy-makers. Then they explored fjords, glaciers, geysers and other natural wonders of this tiny island nation.



At the end of their first year at Clemson, the now second-year scholars studied in the United Kingdom at the University of Sussex in Brighton. After taking challenging courses for several weeks there, the group traveled through France with history professor Dr. Michael Silvestri, focusing on World War II with visits to the D-Day landing beaches and the American cemetery in Normandy, and studying medieval architecture and history in Caen, Rouen and Paris.

Meanwhile, back home, we looked forward to the fall with a series of summer orientation dinners welcoming our freshman scholars and their parents into the NSP family.



The fall kicked off with a three-day retreat welcoming the 11 new National Scholars, the most geographically diverse cohort of scholars ever, representing nine states. The retreat included a discussion of the book *The Wisdom of Crowds* by James Surowiecki, group decision-making challenges, a high-ropes course and a full day of white-water rafting. The retreat was led by a group of seven upperclassman National Scholars who were responsible for designing and implementing every aspect of the event.

The first-year scholars continued on with a freshman seminar — associated with the new Calhoun Scholars Program — that explored the Enlightenment and issues of rights, class and power. The students read classics by Plato, Machiavelli, Locke, Rousseau and Mill as well as more contemporary works, including Barbara Ehrenreich's *Nickel and Dimed* and Dava Sobel's *Galileo's Daughter*.

Throughout the fall, more than 30 scholars participated in a series of book and film discussions coordinated by English and film studies professor Dr. Barton Palmer. Dr. Palmer chose works focusing on memory and history, including *The Remains of the Day* and *Sophie's Choice*.

Small groups of scholars were fortunate to meet with several campus visitors. The NSP hosted a lunch for several students with Dr. John Ikerd, the fall 2007 Presidential Colloquium speaker and a leading expert on economically sustainable agriculture and environmental practices. A few weeks later, another small group of students met with Dr. Gokhan Bacik from Fatih University in Turkey to discuss the current political challenges facing that nation.

Throughout the fall, the program worked closely with underclassman scholars to assist in academic and career planning and to advise senior scholars on the graduate school application process.



Planning for the Maymester and summer experiences began in earnest in January. Twelve students will travel to Turkey to study geopolitical and economic issues with Dr. Zeynep Taydas of the University's Department of Political Science, while 11 will explore natural resource and energy problems in Alaska with veteran NSP instructor Dr. Jerry Waldvogel. Both groups of students began spring semester courses in preparation for the trips. Dr. Michael Silvestri likewise began teaching a course for the first-year students on the history, culture and politics of England and Scotland. Beginning this year, students are increasingly involved in selecting themes to cover in these courses and on the trips.

Several scholars shared tea, brownies and an enlightening conversation about the creation of knowledge and the Indian perspective

on technological innovation with spring Presidential Colloquium speaker Deepak Kumar. Professor Kumar is a noted historian on scientific and educational advancements at Jawaharlal Nehru University in New Delhi.

In February, NSP Weekend brought 36 finalists to campus to compete for an invitation to join the program in fall 2008. Including family members, Clemson hosted more than 100 guests and took this opportunity to showcase not only the program's endeavors but also the best of what the University can offer to all students. Finalists participated in interviews and group seminars and learned about the academic and research offerings of the Calhoun Honors College and their intended major departments. We look forward to welcoming our newest scholars to campus — and beginning the cycle anew — in the summer and fall.

A COMPREHENSIVE PROGRAM

Clemson's National Scholars Program provides enrichment and support throughout the scholars' years at Clemson.

National Scholars Retreat

The freshman scholars learn to work together and become part of the National Scholars community.

Freshman Seminar

This seminar provides an intensive introduction to ideas and issues that are critical to success during the freshman year and beyond.

Summer Study Abroad

After studying British history and culture during the spring semester, the freshman National Scholars study and travel in the United Kingdom and other countries in Europe.

Enrichment Travel

The National Scholars expand their horizons through domestic and international travel experiences such as a 2005 trip to the Galapagos Islands to study environmental and conservation issues and a 2006 trip to Brussels and Belgrade to explore the issues facing the European Union. Preceding each of these travel experiences, a top Clemson professor challenges the scholars in a semester-long seminar that explores thoroughly the history, science, politics and culture of the location they will visit.

News Discussions

Scholars lead weekly forums to learn about and discuss the issues grabbing the headlines each week. Topics this year included the Jena 6 controversy, the political unrest in Pakistan and recent advances in stem cell research.

Book and Film Discussions

Top Clemson faculty choose books and facilitate dinner discussions each month. Past titles include *Maus* by Art Spiegelman, *Slaughterhouse Five* by Kurt Vonnegut, *The Assassins' Gate* by George Packer, *The Handmaid's Tale* by Margaret Atwood and *The Prince* by Niccolo Machiavelli.

Internship/Research Support

The NSP team provides guidance and support for student internships and research experiences at home and abroad.





JILL ALLEN

Birmingham, Ala.
Majors: Architecture and Economics

Key Involvement, Leadership and Recognition:

- Varsity Swim Team (All-Academic Team)
- American Institute of Architecture Students (president)
- Achim von Arnim Award for Excellence in German Literature
- Rudolph E. Lee Award in architecture

Learning Experiences:

- Internship, Clemson Campus Planning Office
- AIAS Leadership Conference
- Summer Architecture Scholar Program at Hanbury Evans Wright Vlattas & Company, Norfolk, Va.

“I have been amazed at the faculty’s sincere commitment to help students achieve their goals. Clemson is statistically a large school, but the personal interaction with faculty makes it feel much smaller. Now, as an architecture and economics major and a varsity athlete, I am thankful to the professors and coaches who gave me the chance to pursue my goals.

“The NSP has given me unforgettable opportunities to travel and explore new places. Studying abroad in England and traveling to Amsterdam, Stockholm and St. Petersburg were incredible learning experiences for me. Seeing the unique characteristics of each of these places greatly enhanced my architectural education.”



2004 ...



2006 ...



2008 ...



2004 ...



2006 ...



2008 ...



DAMON ANDREWS

Charlotte, N.C.
Major: Mechanical Engineering

Key Involvement, Leadership and Recognition:

- Clemson University Guide Association (president, vice president)
- *The Tiger* newspaper (columnist)
- Blue Key Honor Society (vice president, historian)
- Nick Lomax Rising Star Award
- Carl Donner Nelson Jr. Award for Most Outstanding Junior in Mechanical Engineering

Learning Experiences:

- Internship, Dority and Manning, P.A., an intellectual property law firm
- Internship, the Institute for Field Research Expeditions in Cusco, Peru

“During my time at Clemson, I learned that it is much more rewarding to be heavily involved in a few select activities than to be a member of lots of activities. Freshman year I was looking up to others, and I’d follow their lead on a lot of things. Over the last four years, however, I have become a leader and blazed my own path by being more independent. The support and feedback from the NSP staff have been instrumental in helping me achieve my goals.

“The NSP has been more than a scholarship. The enhanced learning experiences, like book discussions and retreats, really help the program develop as one unit as well as helping each scholar grow individually.”



JUSTON BROWN

Orangeburg, S.C.
Major: Civil Engineering

Key Involvement, Leadership and Recognition:

- Clemson University Gospel Choir (director)
- Clemson University Jazz Ensemble (lead alto saxophone, four years)
- Student Affairs Advisory Board
- Intercultural Achievement Award
- Tau Beta Pi engineering honor society

Learning Experiences:

- Alternative Spring Break with Wesley Foundation, Bahamas

“There has been no such thing as a ‘stereotypical National Scholar’ image that you were expected to live up to. For me, the program has been a significant resource for advice, encouragement and support as I have plotted my own course through my college years.

“The NSP has given me opportunities and put me in situations that broadened my horizons and developed my personality and leadership skills. The faculty and staff have provided motivation and encouragement, and they have been available for advising on many occasions so that I would be in the best position to do well in my classes and prepare for my post-undergraduate life.”

2004 ...



2006 ...



2008 ...



2004 ...



2006 ...



2008 ...



“The most surprising part of my experience as a National Scholar has been the travel. Even though I had heard that the program offered trips to exotic places, I was never really aware of what that meant until I went on the trips myself. I hadn’t thought that I would have time to study abroad as part of my undergraduate plans, but I have traveled to five different countries as a National Scholar, and I had the opportunity to visit even more.

“The greatest lesson I have learned at Clemson is that there are many paths to success and ways to contribute to society. My experience at Clemson has not only given me access to a wide variety of useful and constructive opportunities, but it has also made it clear that individual preferences, not societal pressures, should determine which opportunities I pursue.”



JOHN DIXON

Idaho Falls, Idaho
Majors: History and Ceramic and Materials Engineering

Key Involvement, Leadership and Recognition:

- Freshman Council
- Code Elementary/Calhoun Honors College tutoring program
- Keramos ceramics honor society (president)
- Outstanding Student Awards in Materials Engineering

Learning Experiences:

- Research Experiences for Undergraduates (REU) in materials science at Washington State University: Mechanical properties of metallic thin films
- Internship, Idaho National Laboratory: Thermal modeling of a friction bonding process used for cladding nuclear fuel foils



COLLEEN GLEESON

Phi Beta Kappa
Harrington, Del.
Major: English

Key Involvement, Leadership and Recognition:

- *The Tiger* student newspaper (associate editor, Opinions section editor)
- Sigma Tau Delta English honor society
- Roger B. Rollin English Essay Award
- LeaderShape Institute

Learning Experiences:

- User group study with Dr. Bob Powell on the Clemson Experimental Forest
- Creative Inquiry: The interface between modern and postmodern literature with Dr. Mike Lemahieu

“I have been genuinely surprised by how much professors want me to succeed. I can turn to them at almost any time for guidance and advice. The greatest lesson I have learned at Clemson is that education is what you make of it. Gaining an education is related to, but not the same as, earning a degree. To get the most out of college — and out of life — I must push my limits and be willing to break out of the comfortable status quo.

“My worldview has changed drastically since my freshman year. In high school I considered myself to be very open-minded and aware of other cultures, but it was not until I traveled to other countries that I began to realize how limited this knowledge was. Traveling around, I learned what being American — and what not being American — means. Only by breaking out of my familiar frame of reference could I gain the perspective I need for my discipline.”



2004 ...



2006 ...



2008 ...



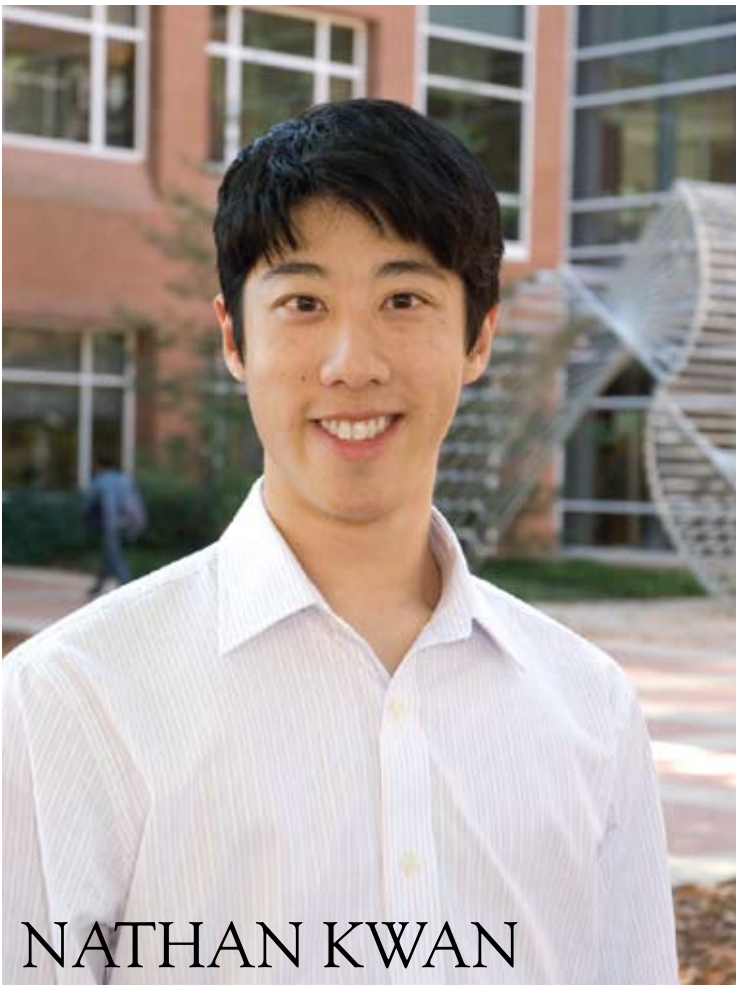
2004 ...



2006 ...



2008 ...



NATHAN KWAN

Greenville, S.C.
Majors: Electrical Engineering and Physics

Key Involvement, Leadership and Recognition:

- Dixon Fellows Program
- Habitat for Humanity (fund-raising co-chair)
- Resident adviser in University Housing (three years)
- Intercultural Achievement Award
- Award for Best Sophomore in Electrical and Computer Engineering

Learning Experiences:

- Internship, Duke Energy in Charlotte, N.C.
- Internship, Clemson University International Center for Automotive Research

“The flexibility of Clemson University and the NSP has been a great asset for me. Had I been anywhere else, I don’t think I could have pursued double majors in physics and electrical engineering while accomplishing independent research in several disciplines. The NSP has also ensured a well-rounded experience. Scholar courses have complemented my heavy engineering interests with studies in political science, economics and history.

“I will miss the size of both Clemson and the National Scholars Program. Both felt small or large enough at the appropriate times. Also, having upperclassman scholars was a big boon, especially during freshman year and even later when choosing courses and internships.”



STEPHEN LAREAU

Charlotte, N.C.

Major: Mechanical Engineering

Key Involvement, Leadership and Recognition:

- Student Government (university services chair, assistant director of research and development)
- IT Student Advisory Council (founding chair)
- Beta Theta Pi fraternity (scholarship chairman)
- Outstanding Sophomore Achievement in Mechanical Engineering Award

Learning Experiences:

- Internship, Progress and Freedom Foundation in Washington, D.C.
- Internship, General Electric-Energy, Greenville, S.C.

“During my time at Clemson, I learned that I could balance all of my course and leadership demands and still manage to be a normal Clemson student. The greatest lesson I have learned is to get involved and do it early.

“During the 2006 Maymester experience in Belgrade, I learned more about the political struggles of the people of Serbia/Montenegro than I ever could have in a classroom. We arrived on the day Montenegro passed a referendum to signify their independence from Serbia. With nearly unlimited access to foreign officials, academics and students, we had a truly unique life experience while gaining priceless, firsthand knowledge.

“I will miss the amazing support offered by the NSP office. The NSP staff acts as a second set of advisers, not only on academic issues but also on graduate school, finding internships or just life in general. It has been an invaluable support system.”

2004 ...



2006 ...



2008 ...



“I have been surprised by the close relationships I have built with faculty and staff. I have learned never to take an opportunity for granted. If you surround yourself with intelligent people who challenge you, over time you begin instinctively stepping up to the challenge every time.

“The NSP has taught me that I can achieve anything. It has taught me to actively seek opportunities. I believe that this mindset will stay with me for the rest of my life. I know that I am prepared to take on the world. The friendships I have formed and relationships I have built will remain long after I leave Clemson. I know these friendships and relationships will help me to meet my academic and career aspirations later in life.”

2004 ...



2006 ...



2008 ...



COLBY MISTOVICH

Covington, Ga.

Major: Marketing

Key Involvement, Leadership and Recognition:

- Catholic Student Association (leadership team, social chair)
- Clemson University Guide Association
- Children's Miracle Network Dance Marathon (executive committee member, entertainment committee chair)
- LeaderShape Institute
- Beta Gamma Sigma business honor society

Learning Experiences:

- Creative Inquiry: Marketing research on consumer equity with Dr. Michael Dorsch
- Internship, Littlejohn Coliseum Major Events
- Board member, public relations specialist for Upstate S.C. Supply Chain Coalition



CHELSEA REIGHARD

Phi Beta Kappa
2007 Truman Scholarship Finalist
2007 Rhodes Scholarship Finalist
 Clemson, S.C.
Majors: Genetics and Language and International Health

Key Involvement, Leadership and Recognition:

- Habitat for Humanity (president, vice president, fund-raising co-chair)
- Alpha Lambda Delta freshman honor society (service and publicity chair)
- Student Health Advisory Committee
- Costume technician at Brooks Center for the Performing Arts

Learning Experiences:

- Internship, Global Service Corps in Tanzania
- NIH-funded epidemiology research project: "Reducing High Risk Drinking Among First-Year College Students"
- Study abroad, Universidad de Granada, Spain

"I never thought I would be part of something as big as the annual Habitat for Humanity Homecoming Build. I had never used power tools, and I certainly never imagined myself mobilizing funds and organizing students, faculty and community members to build even one of these homes, let alone five. My work with Habitat for Humanity has certainly given me a glimpse into the power of an enthusiastic and loving community in addressing the universal struggle to end the cycle of poverty.

"Through the NSP, I have gained amazing opportunities to travel to places I would have never visited and learn about subjects I would have never studied. Although officially I am a 'student of science,' I can converse just as intelligently about philosophy, literature and world politics as I can about biology, chemistry and physics."

2004 ...



2006 ...



2008 ...



2004 ...



2006 ...



2008 ...

"My favorite National Scholars memory comes from my freshman year, when I met with former congressman and 9/11 commission co-chair Lee Hamilton. Over fall break, I saw Rep. Hamilton on *Meet the Press*. It hit me how special the NSP is. It let me, a freshman, meet an important national leader.

"There is something special about the way Clemson has combined a small-town feel with big-school results to create a cutting-edge, progressive university at which personal understanding and people's names are still valued. I have been afforded many opportunities that have sculpted me as more than just a mathematician; they have sculpted me as a person. Math is something I could have learned on my own; these other lessons required a community of scholars."



RYAN SPURRIER

Phi Beta Kappa
 Irmo, S.C.
Major: Mathematical Sciences

Key Involvement, Leadership and Recognition:

- Intramurals (ultimate Frisbee captain, flag football captain, soccer captain, basketball)
- Wesley Foundation (staff member, social coordinator, Bible study leader, mission teams)
- Central Elementary English as a second language tutor
- Alice Gray Fulmer Award for Mathematical Sciences
- John Charles Harden Award for Mathematical Sciences

Learning Experiences:

- REU in math and statistics at Valparaiso University: The quantitative meaning of the phrase "beyond reasonable doubt"

THIRD-YEAR SCHOLARS



Mark Boerckel
East Moline, Ill.

Major: Economics

Key Involvement, Leadership and Recognition: Dixon Fellows Program, Relay for Life, Children's Hospital Dance Marathon, Clemson Institute for the Study of Capitalism Junior Fellow

Learning Experiences: Creative Inquiry: Town 'n Gown Oral History Project; Internship, Automated Trading Desk, Charleston, S.C.



Kristina Catani
Sewell, N.J.

Major: Economics

Key Involvement, Leadership and Recognition: Habitat for Humanity, Student Senate (health and human awareness committee), intramurals (flag football, ultimate Frisbee),

industrial-organizational psychology research assistant, Relay for Life (team captain)



Shannon Edd
Rochester, Minn.

Major: Mechanical Engineering

Key Involvement, Leadership and Recognition: Clemson Marching Band, Formula SAE, Alpha Lambda Delta freshman honor society, 2007 Scholastic Achievement Award for

Mechanical Engineering

Learning Experiences: Research with Department of Mechanical Engineering at Clemson: Finding the bending stiffness of a golf club shaft; Cooperative education with Club Car Inc., Augusta, Ga.



Ben Garrison
Lake Jackson, Texas

Major: Computer Engineering

Key Involvement, Leadership and Recognition: Clemson Symphony Orchestra (percussion), Relay for Life (athletic committee director), Clemson Steel Drum Band, Percussion Ensemble, intramurals

(ultimate Frisbee, soccer), LeaderShape Institute

Learning Experiences: Research fellow, Department of Biochemistry at UT-Southwestern Medical Center, Dallas: "Computer-based Discovery of Genetic Transcription Factor Binding Sites"



Randy Gelhausen
Dallas, Texas

Major: Computer Engineering

Key Involvement, Leadership and Recognition: Presbyterian Student Association, intramurals (ultimate Frisbee, soccer), Dixon Fellows Program, Clemson Indoor Soccer League, Habitat for Humanity

Learning Experiences: Research fellow, Department of Biochemistry at UT-Southwestern Medical Center, Dallas: "Microarray Calibration: Microsatellite Repeat Variations in Chimpanzees and Humans"; Cooperative education with Cryovac, Simpsonville, S.C.



Michael Griswold
Denver, N.C.

Major: Financial Management

Key Involvement, Leadership and Recognition: Clemson University Student Athlete Enrichment Program (athlete tutor), Donor Services Student Advisory Team, Foundation

for International Medical Relief of Children, Clemson Democrats, intramurals team captain (flag football, dodgeball)

Learning Experiences: Internship, Anderson, S.C., County Government Finance Division



Laura Kulikowski
Laurys Station, Pa.

Major: Animal and Veterinary Science

Key Involvement, Leadership and Recognition: Intercollegiate Equestrian Eventing Team (co-president), Pre-Vet Club, Clemson Animal Welfare Society, Dixon

Fellows, Outstanding Student in General Chemistry award

Learning Experiences: Creative Inquiry: Investigating the effects of a feed-through antibody product on calf health, hematological parameters and gastrointestinal mucosal development



Andrew Park
Chattanooga, Tenn.

Major: Biosystems Engineering

Key Involvement, Leadership and Recognition: WSBF radio DJ, intramurals (ultimate Frisbee, dodgeball, soccer, flag football), Alpha Lambda Delta honor society, Habitat for Humanity,

Biosystems Engineering Club, Relay for Life

Learning Experiences: Research at Clemson with Dr. Jonn Foulk testing the strength of cotton fibers



Lori Pindar
Sumter, S.C.

Major: Communication Studies

Key Involvement, Leadership and Recognition: National Society of Black Engineers (secretary), CONNECTIONS Mentoring Program (team leader), AAH Curriculum Committee student

representative, Clemson Language Partner Program, Roderick Duncan Geddes Award for Diversity in Communication, Delta Sigma Theta Sorority Inc.

Learning Experiences: Study abroad in Ghana; Internship, S.C. HIV/AIDS Council in Columbia, S.C.



Suzanne Sawicki
Tallahassee, Fla.

Major: Bioengineering

Key Involvement, Leadership and Recognition: Clemson Undergraduate Bioengineering Society (vice president), Reformed University Fellowship, Code Elementary/Calhoun

Honors tutoring program, intramurals (ultimate Frisbee, flag football), Golden Key National Honor Society, Habitat for Humanity, Women's Varsity Rowing Team

Learning Experiences: Research at Clemson with Dr. Andrew Metters: "The Use of Hydrogels in Protein Release/Delivery"; REU in chemical and biological engineering at the University of Colorado-Boulder: Changes in structure of a monoclonal antibody adsorbed to silica particles



Ben Ward
Columbia, S.C.

Majors: Economics and Political Science

Key Involvement, Leadership and Recognition: Clemson Wesley Foundation, intramurals (ultimate Frisbee, flag football), Dixon Fellows, 2007 J.T. Barton Jr.

Ethics Essay Scholarship Competition (winner)

Learning Experiences: Internship, U.S. Department of State in Frankfurt, Germany

SECOND-YEAR SCHOLARS



Achieng Adongo
Orangeburg, S.C.
Major: Industrial Engineering



Donovan Jones
Sumter, S.C.
Major: Financial Management



Alexandra Barkett
Lawrenceville, Ga.
Major: Graphic Communications



Rahul Loungani
Columbia, S.C.
Major: Biochemistry



Brent Berkompas
Franklin, Tenn.
Major: Graphic Communications



Bethany Moore
Columbia, S.C.
Major: History



Elizabeth Billheimer
Summerfield, N.C.
Major: Political Science



Erica Morrison
Jacksonville, Fla.
Major: Architecture



Paul Blichmann
Monroe, N.C.
Major: Bioengineering



Meredith Myers
Concord, N.C.
Major: Language and International Health



Allison Foreman
Columbia, S.C.
Major: Chemical Engineering



Jennifer Rahn
Ehrhardt, S.C.
Major: Biological Sciences



Lucas Hurd
Surgoinsville, Tenn.
Major: Physics



Lillie Stewart
Marietta, Ga.
Major: Environmental and Natural Resources

FIRST-YEAR SCHOLARS



Ben Boone
Mechanicsville, Va.
Major: Chemical Engineering



Zach Musgrave
Greensburg, Pa.
Majors: Computer Science and English



Judith Crews
Dayton, Tenn.
Major: Architecture



Reid Sanders
Horse Shoe, N.C.
Major: Physics



Jessica Dean
Summerville, S.C.
Major: Psychology



Elizabeth Sloan
Dallas, Texas
Major: Bioengineering



Caitlin Foulser
Melrose, Mass.
Major: Mathematical Sciences



Ray Smith
Birmingham, Ala.
Major: Chemical Engineering



Susie Irizarry
Palm City, Fla.
Major: Natural Resource Management



Joshua Von Fange
Columbia, S.C.
Major: Industrial Engineering



Jennifer Moffitt
Moore, S.C.
Major: Chemical Engineering

OUR ACCOMPLISHED ALUMNI

Four classes of National Scholars have graduated, and each has moved on to pursue further studies at leading universities around the world and employment with Fortune 500 companies, including the following:

- Jenny Alley '05: University of Georgia, master's in marketing research
- Amanda Cheung '06: University of South Carolina, medical school
- Katherine Chisholm '05: Emory University, M.P.H. in global public health
- Matt Clemmens '07: Consultant for Blackbaud Inc.
- Jeff Clinkscales '07: University of South Carolina, medical school
- Ashley Dahl '04: Yale University, medical school
- Rob Dixon '07: Carnegie Mellon University, master's in robotics
- Brian Eyink '06: Duke University, law school
- Joseph Godsey '04: General Electric, placement into highly selective advanced leadership training program
- Stephen Gosnell '07: UC-Santa Barabara, Ph.D. in biology
- Mark Gramling '05: UNC-Chapel Hill, Ph.D. in immunopathology
- Laura Hart '07: University of Cincinnati, medical school
- Jacob Hicks '05: UNC-Chapel Hill, Ph.D. in computer science
- Kate Hicks '07: Clemson University, master's in biosystems engineering
- Kelly Jones '07: Teaching at West Virginia School of Osteopathic Medicine; begins medical school in fall 2008
- Jamie Kearns '06: Columbia University (N.Y.), medical school
- Matt Kerr '04: Cambridge (U.K.), advanced studies in mathematics and University of Washington, Ph.D. in physics
- Michelle Malecha '04: General Electric, placement into highly selective advanced leadership training program; Duke University, MBA
- Ahmed Mohiuddin '06: Medical University of South Carolina, medical school
- Ashley Neal '04: University of Alabama-Birmingham, medical school
- Rachel Rhyne '06: Clemson University, master's in education
- Will Sams '05: Georgia Tech, Ph.D. in physics
- Clarice Seifert '05: Medical University of South Carolina, medical school
- Christen Smith '07: Peace Corps assignment in Ethiopia
- Lauren Smith '07: General Electric, placement into highly selective advanced leadership training program
- Will Spink '05: Covenant Theological Seminar, master's in divinity
- Michael Stadnisky '05: University of Virginia, Ph.D. in infectious disease
- Jeremy Stovall '05: University of Vermont, master's in natural resource management; Virginia Tech, Ph.D. in forestry
- Elizabeth Ward '04: University of Tennessee, law school
- Suzanne Weaver '07: UNC-Chapel Hill, medical school
- Chris Welch '04: UNC-Chapel Hill, medical school and Ph.D. in pharmacology
- Yousef Yasin '07: Wake Forest University, medical school
- Amanda Youell '07: University of Maryland, Ph.D. in math
- Jeff Young '05: Georgia Tech, Ph.D. in computer engineering
- Joe Ziska '05: Clemson University, master's in economics

SCHOLAR ALUMNI IN AFRICA

During this past year, three National Scholar graduates served in various roles in Africa. Here are their stories.

"I'm changing my focus in medicine to infectious diseases. The problems that were most prevalent there — malaria, tuberculosis, infant mortality — are unheard of in the Western world. It was horrifying and inspiring all at once."

—Ahmed Mohiuddin



▼ **Ahmed Mohiuddin, class of 2006**
Currently in medical school at the Medical University of South Carolina

A biochemistry undergraduate at Clemson, Ahmed served as president of the Student Senate and founded a chapter of Amnesty International. In the summer of 2007, he volunteered for several weeks at a medical center in Akot, South Sudan, one of the most desolate and war-torn regions in Africa. Ahmed worked with a group to vaccinate more than 8,000 Sudanese against meningitis. The experience greatly affected him.

► **Katherine Chisholm, class of 2005**
Graduated Emory University in 2007 with a master's in global public health

Katherine works with the Rwanda Zambia HIV Research Group (RZHRG) focusing on heterosexual HIV transmission and prevention in cohabiting African couples. Katherine works with a program that offers counseling to couples and conducts research on HIV transmission and vaccine trials. In her short time in this role, she's already seen impressive results.

"Because 60 percent of new HIV infections in Africa are acquired from a spouse, this population represents the largest risk group, not just in Africa but in the world. The HIV-transmission rate within participating couples has been reduced from 25 percent per year to 7 percent to 8 percent per year. The Centers for Disease Control and Prevention recently approved an international field site curriculum based on this endeavor, and this research also influences the development and testing of potential HIV vaccines."

—Katherine Chisholm



▲ **Christen Smith, class of 2007**
Currently serving in Peace Corps in Ethiopia

As a Clemson student, Christen focused on international service with internships in Tanzania and Mexico. She also led an effort to create a campus chapter of an international childrens' medical relief group. That pioneering commitment to global health has continued with her placement in the Peace Corps. Christen is currently working as a community health adviser in the northern Amhara

region along with the Ethiopian Ministry of Health and various nongovernmental organizations. She focuses on coordinating an efficient network of HIV/AIDS prevention, treatment and support, identifying gaps and collaborating with local partners to fill them. She also works with People Living with HIV/AIDS groups and women's groups to provide health education.



"I am excited to be a part of the first Corps group to re-enter Ethiopia after an absence of 10 years."

—Christen Smith

CLEMSON'S PREMIER SCHOLARSHIP PROGRAM



The Clemson University National Scholars Program provides a select number of extraordinary students with an extraordinary educational experience that includes the following:

- A full four-year scholarship covering tuition, housing and other fees
- Summer study in Europe
- A state-of-the-art laptop computer
- A four-year sequence of academic seminars that explore critical thinking and leadership
- Ongoing enrichment opportunities throughout the year

The Clemson National Scholars are also members of Calhoun Honors College, which provides advanced course work and research opportunities as well as support in competing for major national and international fellowships. Everyone at Clemson University is committed to providing an unmatched undergraduate experience to each of our Clemson National Scholars.

The Selection Process

To be considered for the Clemson National Scholars Program, applicants complete a Clemson University undergraduate admissions application and the Calhoun Honors College application. A selection committee chooses approximately 40 finalists to compete at Clemson National Scholars Weekend in the early spring. Scholarships are awarded shortly afterward.

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MENTOR AWARDS

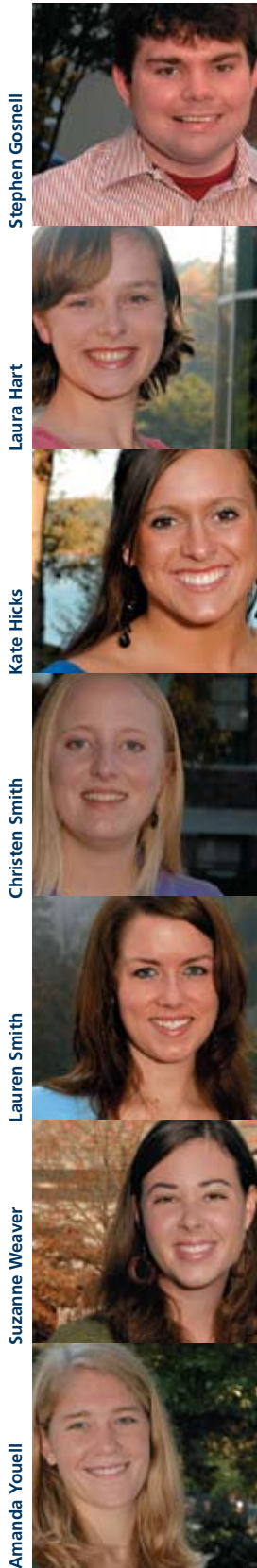
Since our first graduating class, each cohort of National Scholars chooses faculty and staff to honor with the National Scholars Program Award of Distinction. This recognition goes to individuals for their tireless commitment to the intellectual, professional and personal development of each graduating class of scholars. These are our recipients:

- Dr. Stephanie Barczewski, history
- Dr. Alma Bennett, English
- Dr. Richard Blob, biological sciences
- Dr. Patti Connor-Greene, psychology
- Dr. Angela Dills, economics
- Dr. Roy Dodd, bioengineering
- Dr. Caye Drapcho, bioengineering
- Dr. Robert Geist, computer science
- Rev. Chris Heavner, Lutheran campus minister and Habitat for Humanity adviser
- Dr. Stephen Hubbard, electrical and computer engineering
- Dr. Jeff Love, languages and humanities
- Dr. Robin Kowalski, psychology
- Prof. Vladimir Matic, political science
- Dr. Todd May, philosophy
- Dr. Bobby McCormick, economics
- Dr. Tamara McNutt-Scott, biological sciences
- Dr. Jim Morris, biochemistry
- Dr. Gary Powell, biochemistry
- Dr. Eric Seiber, public health sciences
- Dr. Lesly Temesvari, biological sciences
- Dr. Mark Thies, chemical engineering
- Dr. Terry Tritt, physics
- Dr. Jerry Waldvogel, biological sciences



Rev. Chris Heavner

SPRING 2007 AWARDS



In spring 2007, National Scholars received a record three dozen campus awards and national recognitions. These achievements include being selected as national finalists for major fellowships, receiving five of 12 spots in the Order of the Blue Ridge and having eight scholars inducted into the inaugural class of Clemson’s Phi Beta Kappa chapter.

- Jill Allen: Rudolph E. Lee Award, All-Academic Team for varsity swimming
- Damon Andrews: Carl Donner Nelson Jr. Award for Most Outstanding Junior in Mechanical Engineering
- Ali Barkett: Outstanding Graphic Communications Academic Achievement Award
- Jeff Clinkscales: Phi Beta Kappa
- Shannon Edd: Department of Mechanical Engineering Scholastic Achievement Award
- Colleen Gleeson: Roger B. Rollin English Essay Award, Phi Beta Kappa
- Stephen Gosnell: National Science Foundation Graduate Research Award; Norris Medal; Omicron Delta Kappa Member of the Year; Phil Prince Student Personal Development Award; Order of the Blue Ridge; Outstanding Senior in the College of Agriculture, Forestry and Life Sciences; Biology Faculty Award; Phi Beta Kappa
- Laura Hart: Outstanding Senior in Biochemistry; Outstanding Senior in the College of Agriculture, Forestry and Life Sciences; Order of the Blue Ridge; Phi Beta Kappa
- Kate Hicks: Athletic Director’s Award of Excellence, ACC Academic Honor Roll
- Lori Pindar: Roderick Duncan Geddes Award for Diversity in Communication
- Rachel Rhyne: School of Education Graduate Certificate of Excellence
- Christen Smith: Miranda White Diversity and Collaboration Award, Marian L. Harris Award for Excellence in Economics, Order of the Blue Ridge, Department of Public Health Science Scholastic Achievement Award
- Lauren Smith: Student Affairs Advisory Board Ambassador Award, Thomas C. Breazeale Award, Wallace Dabney Trevillian Merit Award, Order of the Blue Ridge
- Ryan Spurrier: John Charles Harden Award, Phi Beta Kappa
- Lillie Stewart: Most Outstanding Student in an introductory-level chemistry course
- Ben Ward: First place, 2007 J.T. Barton Jr. Ethics Essay Competition
- Suzanne Weaver: Phi Beta Kappa, Order of the Blue Ridge
- Yousef Yasin: Phi Beta Kappa
- Amanda Youell: Mathematical Sciences Faculty Award, Phi Beta Kappa



A GREAT UNIVERSITY

Clemson is located on the shores of Lake Hartwell and in the foothills of the Blue Ridge Mountains in South Carolina. More than 17,000 students call Clemson home and pursue degrees in more than 70 undergraduate and 100 graduate areas of study, from engineering and the sciences to business and English. Clemson University is one of the nation’s top-ranked public universities according to *TIME* magazine, *U.S.News & World Report* and *Kaplan/Newsweek*.

CLEMSON
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